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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of Hanson, et al.

Atty. Ref.: 3978-2

Serial No. 09/660,500

Group: 2142

Filed: September 12, 2000

Examiner: Prieto, Beatriz

For: Method and Apparatus for Providing Mobile and Other
Intermittent Connectivity in a Computing Environment

* * * * *

March 31, 2005

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with Rule 97 and MPEP §609, the undersigned attorney submits the documents listed on the attached forms FB-A820 numbered pages 1-5. A copy each non-U.S. patent document is also attached (U.S. patent publications are readily available to the USPTO).

The Examiner is requested to initial the attached forms and return a copy as an indication that the listed documents have been considered and officially made of record in this case.

The Examiner's attention is also directed to the following co-pending U.S. Patent applications and the prior art cited therein (the Examiner has access to those co-pending applications through PAIR but applicant is willing to provide a copy of any related co-pending application to the Examiner upon request on a separate CD ROM):

- Application No. 09/330,310, filed June 11, 1999 now U.S. Patent No. 6,546,425 (atty. dkt. no. 3978-3)
- Application No. 10/078,377, filed February 21, 2002 (atty. dkt. no. 3978-8)

- Application No. 10/307,480, filed December 2, 2002 now U.S. Patent No. 6,981,047 (atty. dkt. no. 3978-10)
- Application No. 10/340,833, filed January 13, 2003 (atty. dkt. no. 3978-12)
- Application No. 11/138,445, filed May 27, 2005 (atty. dkt. no. 3978-26)
- Application No. 11/138,446, filed May 27, 2005 (atty. dkt. no. 3978-25)
- Application No. 11/149,584, filed June 10, 2005 (atty. dkt. no. 3978-29)
- Application No. 11/252,995, filed October 18, 2005 (atty. dkt. no. 3978-32)
- Application No. 60/578,318, filed June 10, 2004 (atty. dkt. no. 3978-19)
- Application No. 60/619,777, filed October 19, 2004 (atty. dkt. no. 3978-27).

The identification of the above-listed co-pending U.S. Patent Applications is not to be construed as a waiver of any secrecy as to those applications now or upon issuance of the present application as a patent.

Pursuant to Rule 37 C.F.R. §1.97(c), a fee of \$180.00 as specified in Rule 17(p) is attached. If there is any shortage in the fee, please charge the deposit account of Nixon & Vanderhye, Account No. 14-1140.

Respectfully submitted,

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,799,253	01/1989	Stern et al.			
	4,893,327	01/1990	Stern et al.			
	5,109,528	04/1992	Uddenfeldt			
	5,212,684	05/1993	MacNamee et al.			
	5,291,544	03/1994	Hecker			
	5,310,997	05/1994	Roach et al.			
	5,327,577	07/1994	Uddenfeldt			
	5,448,619	09/1995	Evans et al.			
	5,504,935	04/1996	Vercauteren			
	5,559,860	09/1996	Mizikovsky			
	5,598,412	01/1997	Griffith et al.			
	5,610,974	03/1997	Lantto			
	5,666,653	09/1997	Ahl			
	5,668,837	09/1997	Dent			
	5,732,076	03/1998	Ketseoglou et al.			
	5,745,850	04/1998	Aldermeshian et al.			
	5,754,961	05/1998	Serizawa et al.			
	5,901,352	05/1999	St. Pierre et al.			
	6,038,230	03/2000	Ofek			
	6,122,514	09/19/00	Spaur et al.			
	6,256,300	07/2001	Ahmed et al.			
	6,259,405	07/2001	Stewart et al.			
	6,263,213	07/2001	Kovacs			
	6,286,052	09/2001	McCloghrie et al.			
	6,308,273	10/2001	Goertzel et al.			
	6,446,200	09/2002	Ball et al.			
	6,484,261	11/2002	Wiegel			
	6,501,767	12/2002	Inoue et al.			
	6,546,425	04/2003	Hanson et al.			
	6,611,864	08/2003	Putzolu et al.			
	6,615,267	09/2003	Whalen et al.			
	6,621,793	09/2003	Widegaren et al.			
	6,636,502	10/2003	Lager et al.			
	6,661,780	12/2003	Li			
	6,694,366	02/2004	Gernert et al.			
	6,714,515	03/2004	Marchand			
	6,732,177	05/2004	Roy, Radhika R.			
	6,769,000	07/2004	Akhtar et al.			
	6,798,757	09/2004	Mizutari			
	6,804,720	10/2004	Vilander et al.			
	6,854,014	02/2005	Amin et al.			
	6,856,676	02/2005	Pirot et al.			

*Examiner

Date Considered

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*EXAMINER
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INFORMATION DISCLOSURE CITATION

Atty. Docket No.

Serial	No.
--------	-----

3978-2

09/660,500

Applicant

Hanson, et al.

Filing Date

Group

September 12, 2000

2142

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	3GPP SA: "Technical Specification Group Services and Systems Aspects: Architecture for an 1 IP Network, 3GPP TR 23.922", 3GPP Standard, 1 October 1999, XP002144276
	3GPP: "TR23 923 V3.0.0: Combined GSM and Mobility Handling in UMTS IP CN", May 2000, pgs. 1-75 XP002282368
	ETSI: "3G TS 23.107 Universal Mobile Telecommunications System (UMTS) QoS Concept and Architecture", ETSI TS 123 107 V.3.3.0, June 2000, pgs. 1-36, XP002201573
	"MOWGLI, Mobile Office Workstations using GSM Links," University of Helsinki Dept. of Computer Science, Helsinki, Finland (2/2000)
	Alanko T., Kojo M., Liljeberg M., Raatikainen K.: Mowgli: Improvements for Internet Applications Using Slow Wireless Links. Proc. 8th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Helsinki, Finland, September 1997.
	Alanko, T., Kojo, M., Laamanen, H., Liljeberg, M., Moilanen, M., Raatikainen, K: Measured Performance of Data Transmission Over Cellular Telephone Networks. Computer Communications Review, 24(1994)5. Published also as Technical Report: University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1994-53.
	Anderson, T.E., et al., "Serverless Network File Systems," ACM Transactions on Computer Systems, Vol. 14, No. 1, pp. 41-79 (February 1996)
	DTMF – Common Information Model (CIM), http://www.dmtf.org/standards/cim/
	Durham, D., et al., Networking Group Request for Comments 2748, "The COPS (Common Open Policy Service) Protocol
	Dynamic Host Configuration Protocol, RFC 2131 (IETF March 1997), http://people.nokia.net/charliep/
	Internet Mobility 4x4, Cheshire, S. & Baker, M., SIGCOMM '96, Computer Science Dept., Stanford Univ., AC< ISBN: 0-201-37928-7, p. 1-12
	IP Mobility Support (RFC 2002, IETF October 1996)
	Jaeger, Trent, et al., "A Role-based Access Control Model for Protection Domain Derivation and Management," RBAC97 Fairfax Va USA (1997)
	Katz, D., Network Working Group Internet Draft, "Transmission of IP and ARP over FDDI Networks," (9/14/1992)
	Katz, R.H., et al., "The Bay Area Research Wireless Access Network (BARWAN)
	Kiiskinen J., Kojo, M., Liljeberg, M., Raatikainen, K: Data Channel Service for Wireless Telephone Links. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1996-1. January 1996. Published also in Proceedings of the 2nd International Mobile Computing Conference, Hsinchu, Taiwan, ROC, March 25-27, 1996.
	Kojo M., Raatikainen K., Liljeberg M., Kiiskinen J., Alanko T.: An Efficient Transport Service for Slow Wireless Telephone Links. IEEE Journal on Selected Areas in Communications, Vol. 15, No. 7, September 1997.

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

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CITATION**

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3978-2

09/660,500

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Hanson, et al.

Filing Date

Group

September 12, 2000

2142

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Kojo, M., Alanko, T., Liljeberg, M., Raatikainen, K: Enhanced Communication Services for Mobile TCP/IP Networking. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1995-15. April 1995.
	Kojo, M., Raatikainen, K., Alanko, T: Connecting Mobile Workstations to the Internet over a Digital Cellular Telephone Network. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1994-39. September 1994. Published also in Proceedings of the Mobidata Workshop, Rutgers University, NJ, Nov 1994.
	Laamanen, H: An Experiment of Dependability and Performance of GSM Access to Fixed Data Network. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1995-41. September 1995.
	Liljeberg, M., Alanko, T., Kojo, M., Laamanen, H., Raatikainen, K: Optimizing World-Wide Web for Weakly Connected Mobile Workstations: An Indirect Approach. In Proc. 2nd International Workshop on Services in Distributed and Networked Environments (SDNE'95) June 5th - 6th, 1995, Whistler, Canada.
	Liljeberg, M., Helin, H., Kojo, M., Raatikainen, K: Enhanced Service for World-Wide Web in Mobile WAN Environment. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1996-28. April 1996. (Revised version published in Proceedings of the IEEE Global Internet 1996 Conference, London, England, November 20-21, 1996.)
	Ohta, M. et al., Internet Draft draft-ohta-ip-over-atm-02.txt, "Conventional IP over ATM (03/1995
	Other papers authored by Charles Perkins posted at http://people.nokia.net/charliep/
	Perkins et al, DHCP for IPv6, The Third IEEE Symposium on Computers and Communications (ISCC'98) Athens, Greece June 30-July 2, 1998
	Perkins et al., DHCP for Mobile Networking with TCP/IP (ISCC 1995), http://people.nokia.net/charliep/
	Perkins et al., "Using DHCP with Computers that Move" (Wireless Networking 1993), http://people.nokia.net/charliep/
	Piscitello, D., Phifer, INTERNET DRAFT L. Core Competence Wang Y. Hovey, R. Bellcore: "Mobile Network Computer Protocol (MNCP)" 9/3/97
	Piscitello, D., Phifer, INTERNET DRAFT, L. Core Competence, Wang, Y., Hovey, R. Bellcore: "Mobile Network Computing Protocol (MNCP)," 8/28/97
	Product Information, PadCom, Inc, PadCom Connectivity Suite, "Connectivity Suite Technical Overview".(2001, 2002)
	Savarese, Joe, "Wireless: Security Standards Improve," ComNews.com, 1/7/02
	Sharer, R.J., "Applying Policy Management to Reduce Support Costs for Remote and Mobile Computing," INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, 8, 211-218 (1998)
	Solomon, Internet Draft, "Mobile IP Working Group," (5/24/1996)
	TEKNIQUE, Data Sheet, TransNet II Wireless Gateway, WIRELESS - A WIDE AREA VIEWPOINT, Schaumburg, IL, 3 pages [?pc doc# 631729]
	The UC Berkeley BARWAN Research Project CDROM, with Index, http://daedalus.cs.berkeley.edu/

*Examiner		Date Considered	
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**INFORMATION DISCLOSURE
CITATION**

Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
Hanson, et al.	
Filing Date	Group
September 12, 2000	2142

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)	
	Westerinen, A., et al., Networking Group Request for Comments 3198, "Terminology for Policy-Based Management," 13 pages (11/2001)
	www.geckil.com search engine results using, for example, search terms "DHCP" and "Mobility"
	Wong, Daniel, "Soft Handoffs in CDMA Mobile Systems," IEEE Personal Communications, December 1997

*Examiner		Date Considered	
-----------	--	-----------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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INFORMATION DISCLOSURE
CITATION

(Use several sheets if necessary)

Atty. Docket No.

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3978-2

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TC/A.U.

September 12, 2000

2142

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4697281	09/1987	O'Sullivan.			
	4833701	05/1989	Comroe et al.			
	4969184	11/1990	Gordon et al.			
	4972457	11/1990	O'Sullivan.			
	4989230	01/1991	Gillig et al.			
	5042082	08/1991	Dahlin.			
	5127041	06/1992	O'Sullivan.			
	5173933	12/1992	Jabs et al.			
	5212724	05/1993	Nazarenko et al.			
	5249218	09/1993	Sainton.			
	5257401	10/1993	Dahlin et al.			
	5260988	11/1993	Schellinger et al.			
	5353334	10/1994	O'Sullivan.			
	5367563	11/1994	Sainton.			
	5379448	01/1995	Ames et al.			
	5404392	04/1995	Miller et al.			
	5412375	05/1995	Wood.			
	5420574	05/1995	Erickson et al.			
	5434863	07/1995	Onishi et al.			
	5452471	09/1995	Leopold et al.			
	5457680	10/1995	Kamm et al.			
	5479480	12/1995	Scott.			
	5504746	04/1996	Meier.			
	5530945	06/1996	Chavez, Jr. et al.			
	5537220	07/1996	Ezumi et al.			
	5550893	08/1996	Heidari.			
	5555553	09/1996	Jonsson.			
	5559860	09/1996	Mizikovsky.			
	5564077	10/1996	Obayashi et al.			
	5566236	10/1996	McLampy et al.			
	5598412	01/1997	Griffith et al.			
	5602843	02/1997	Gray.			
	5610905	03/1997	Murthy et al.			
	5610974	03/1997	Lantto.			
	H1641	04/1997	Sharman.			
	5625673	04/1997	Grewe et al.			
	5633873	05/1997	Kay et al.			
	5659596	08/1997	Dunn.			
	5673268	09/1997	Sharma et al.			
	5697055	12/1997	Gilhousen et al.			
	5710986	01/1998	Obayashi et al.			

*Examiner

Date Considered

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**INFORMATION DISCLOSURE
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3978-2**09/660,500**

Applicant

Hanson, et al.

Filing Date

TC/A.U.

September 12, 2000**2142**

		5732359	03/1998	Baranowsky, II et al.			
		5761623	06/1998	Lupien et al.			
		5790554	08/1998	Pitcher et al.			
		5793843	08/1998	Morris.			
		5802483	09/1998	Morris.			
		5825775	10/1998	Chin et al.			
		5826188	10/1998	Tayloe et al.			
		5828659	10/1998	Teder et al.			
		5839075	11/1998	Haartsen et al.			
		5870673	02/1999	Haartsen.			
		5878344	03/1999	Zicker.			
		5890054	03/1999	Logsdon et al.			
		5910951	06/1999	Pearce et al.			
		5915214	06/1999	Reece et al.			
		5943333	08/1999	Whinnett et al.			
		5978679	11/1999	Agre.			
		5987011	11/1999	Toh.			
		6032042	02/2000	Kauppi.			
		6449259	09/2002	Allain et al.			
		2002/0098840	07/2002	Hanson et al			
		2003/0120811	06/2003	Hanson et al.			

FOREIGN PATENT DOCUMENTS

TRANSLATION

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
63224422	09/1988	Japan				
3-32125	02/1991	Japan				

*Examiner

Date Considered

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Applicant

Hanson, et al.

Filing Date

TC/A.U.

September 12, 2000**2142**
OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	"KeyWareTM--A Wireless Distributed Computing Environment", Racotek White Paper, RACOTEK, Inc., Minneapolis, MN, 1995.
	"MAVRIC 2000: Integrated Data and Voice Communications System", MAVRIC 2000 Performance Specifications Brochure, Metric Systems Corp., Acton, MA, 1991.
	"RacoNet: Mobile Data Communication Services Product Catalog," Rev. 1.03, RACOTEK, Inc., Minneapolis, MN, 1993.
	"Racotek: Design Considerations for Mobile Data Applications", Racotek 400-0054-00, RACOTEK, Inc., Minneapolis, MN, Jan. 1993.
	"RacoNet: Mobile Data Communications Services Price List", Rev. 1.03, RACOTEK, Inc., Minneapolis, MN, 1993.
	"MPS II System Component: Mobile System Printer", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, Feb. 1990.
	"MPS II System Component: Mobile System Data Terminal", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, Feb. 1990.
	"MPS II Component: Adaptive Network Modem", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, Feb. 1990.
	"Racotek Overview", RACOTEK, Inc., Minneapolis, MN, 1993.
	"Unify Your Mobile Data Communications with RacoNet", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, 1992.
	"The Race is Won by the Fleet", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, publication date unknown.
	Datalines, vol. 5, No. 2, RACOTEK, Inc., Minneapolis, MN, Apr. 1993.
	Datalines, vol. 5, No. 3, RACOTEK, Inc., Minneapolis, MN, Sep. 1993.
	Datalines, vol. 6, No. 1, RACOTEK, Inc., Minneapolis, MN, Feb. 1994.
	"RACOTEK/HDC: Operations Booklet for Mobile Data Terminals", RACOTEK, Inc., Minneapolis, MN, 1993.
	SHPANCER et al., "Open Data-On-Voice Systems for SMRs", RACOTEK--Radio Computer Technologies, presented at NABER's 1990 Annual Meeting, May 9-12, Tampa, FL, 1990.
	"How to Hold Together a Business that Heads Off in Every Direction", RaCoNet Networking Software, Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, publication date unknown.
	Robert J. Fraser, "The MTS-Part II", Communications, pp. 52-55, Aug. 1991.
	"Wireless Data Communications and RAM Mobile Data", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A., 1992.
	"RAM Mobile Data: Field Service", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A., 1992.
	"Market Opportunities for System Integrators, Mobile Data Terminal Manufacturers, Radio and Modem Manufacturers, and Software Developers", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A., publication date unknown.
	On the Air, a quarterly publication of ARDIS, Lincolnshire, IL, vol. 3, Spring 1993.
	On the Air, a quarterly publication of ARDIS, Lincolnshire, IL, vol. 4, Jul. 1993.
	On the Air, a quarterly publication of ARDIS, Lincolnshire, IL, vol. 5, Fall 1993.
	Robert B. Euler, "Making the Mobile Communications Connection", MSM Magazine, Jun. 1990.
	"ARDIS Marks First Birthday of Network Operation", ARDIS News Release, ARDIS, Lincolnshire, IL, Apr. 1991.
	"ARDIS Extends its Reach into Canada", ARDIS News Release, ARDIS, Lincolnshire, IL, Feb. 1992.
	"ARDIS Focuses on Sales Force Automation", ARDIS News Release, ARDIS, Lincolnshire, IL, Oct. 1993.
	"ARDIS Sets the Standard for Wireless Data Communications", ARDIS News Release, ARDIS, Lincolnshire, IL, publication date unknown.
	"How Does One Overnight Delivery Service Guarantee Overnight Success?", ARDIS Sales Advertisement, ARDIS, Lincolnshire, IL, publication unknown.

*Examiner	Date Considered
-----------	-----------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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Applicant

Hanson, et al.

Filing Date

TC/A.U.

September 12, 2000**2142**

	"ServiceXpress", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	"ARDIS is the First Radio Frequency Network for the Motorola Envoy Wireless Personal Communicator", Communication by Ardis, ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	"ARDIS", Company Profile Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	"ARDISmailSM 100: The Wireless E-Mail Package", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	"Congratulations. You Have the Sale!", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	"Wireless Solutions Can Mean the Difference . . .", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	"Achieving the Highest Level of Productivity with New Thinking and a New Vision", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	Form S-1 Registration Statement of RACOTEK Inc. (with exhibits), as filed with the Securities and Exchange Commission on Oct. 22, 1993.
	Amendment No. 1 to Form S-1 Registration Statement of RACOTEK Inc., as filed with the Securities and Exchange Commission on Nov. 4, 1993.
	Ericsson GE, "Mobile Data System Evolution", publication date unknown.
	Ericsson GE, "Mobile Data Questions & Answers", dated Mar. 3, 1994.
	Ericsson GE, "Private Radio Systems EDACS.RTM. Data Advantage.TM. Technical Description", publication date unknown.
	Motorola, Inc., "Integrated Voice and Data System Description", publication date unknown.
	Motorola, Inc., "VRM-100 Vehicular Radio Modem", publication date unknown.
	Motorola Private Systems Division Land Mobile Products Sector, "VRM 100 Vehicular Radio Modem For Integrated Voice; and Data Operation on Smartnet and SmartZone Trunked Radio Systems and Conventional Radio Systems--Product Description", Apr. 5, 1994.
	Motorola Mobile Data Division, "RPM Native Mode Interface R1.1 Reference Manual", published Sep., 1992.
	English Language Abstract of JP 63-224422.
	English Language Abstract of JP 3-32125.
	Hills, Alex et al., "Seemless Access to Multiple Wireless Data Networks: A Wireless Data Network Infrastructure at Carnegie Mellon University", IEEE Personal Communications Magazine, 3(1):56-63, Feb. , 1996
	Johnson, David B., "Scalable Support for Transparent Mobile Host Internetworking", Wireless Networks, vol. 1, No. 3, pp. 311-321 (1995).
	Johnson, David B., "Scalable and Robust Internetwork Routing for Mobile Hosts", 14th International Conference on Distributed Computing Systems, Jun. 21-24, 1994, Poznan, Poland.
	Johnson, David B., "Ubiquitous Mobile Host Internetworking", Proceedings of the Fourth Workshop on Workstation Operating Systems, IEEE Computer Society, Oct. 1993.
	Perkins, Charles et al., "IMHP: A Mobile Host Protocol for the Internet", Computer Networks and ISDN Systems, vol. 27, No. 3, pp. 479-491 (1994).
	Johnson, David B., "Mobile Host Internetworking Using IP Loose Source Routing", Carnegie Mellon University, School of Computer Science (1993).
	Perkins, Charles et al., "Mobility Support in IPv6", Proceedings of the Second Annual International Conference on Mobile Computing and Networking (MobiCom '96), Nov. 10-12, 1996.
	Solomon, J., "Applicability Statement for IP Mobility Support", The Internet Engineering Taskforce, RFC 2005, Oct. 1996.

*Examiner		Date Considered	
-----------	--	-----------------	--

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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Serial No.

3978-2

09/660,500

Applicant

Hanson, et al.

Filing Date

TC/A.U.

September 12, 2000

2142

	Thyfaut, M., "Wireless has a Support Act--Carriers at Comdex Tout Applications for Cellular Digital Packet Data," Information Week (1993). Available from DIALOG Corporation.
	Wexler, J., "CDPD Spec Could Embrace Analog Nets," Network World vol. 12, No. 13 (Mar. 1995): pp. 17, 24. Available from DIALOG Corporation.
	"Hybrid Cellular Data Technology in Works," Telecommunications Alert vol. 12, No. 222 (Nov. 1995). Available from Lexis.
	Schwartz, J., "GTE Mobilnet Retrofits CDPD Network to Connect with Analog Cellular," Communications Week (1996): p. 53. Available from DIALOG Corporation.
	"GTE Closer to Installing Circuit Switched-CDPD Gateway; Plans to Offer National 'CDPD Access' via '800' Number Service," Wireless Data News, vol. 4, Issue 6 (Mar. 1996). Available from DIALOG Corporation.
	Washburn, B., "CDPD: The Tower of Power," America's Network (Aug. 1996): p. 42. Available from Lexis.
	Steward, S., "A circuitous Route to CDPD Expansion; Cellular Digital Packet Data," Cellular Business vol. 13, No. 9 (Sep. 1996): p. 102. Available from Lexis.
	"Sierra Wireless Adds CS-CDPD," Business Wire (Jan. 1997), Available from World Wide Web: (http://www.sierrawireless.com/news/cdpd.html), downloaded Mar. 12, 2002.
	Sukow, R., "GTE Wireless's CS-CDPD Technology Will Be Commercially Available Feb. 3" Communications Today (Jan. 1997). Available from DIALOG Corporation.
	"Wireless: GTE, Hughes Network Systems and PCSI Join to Provide Nationwide Wireless Access for 'Super Phones,' Other Intelligent Devices," EDGE, on & about AT&T (Feb. 1997). Available from DIALOG Corporation.
	Pate, K., "CS-CDPD May Solve Wireless Data User Problem with Coverage (Circuit Switched-Cellular Digital Packet Data Is Launched to Allow Data Users to Access CDPD Functionality Across an Entire Network)," RCR Radio Communications Report vol. 16, No. 5 (Feb. 1997):p. 2. Available from DIALOG Corporation.
	"GTE Wireless Launches Long-Anticipated CS-CDPD Service; Other Cellular Carriers Continue to Reject Hybrid Approach," Wireless Data News, vol. 5, Issue 3 (Feb. 1997). Available from DIALOG Corporation.
	"Industry News: CS-CDPD Goes Nationwide," Advanced Transportation Industry Review. (May 1997). Available from DIALOG Corporation.
	"Dueling Realities: Cellular Data Developers Struggle to Build Business, Yet Foresee Future Consumer, Ad-Supported Market," Wireless Data News, vol. 5, Issue 11 (May 1997). Available from DIALOG Corporation.
	"GTE Wireless Offers National Access for 'Super Phones'," Cellular Business (Jun. 1997). Available from DIALOG Corporation.
	Morris, J., "Guide to Wireless Data Networks," Sierra Wireless, (Jul. 1997), available on the World Wide Web: (http://www.ofb.net/heath/ardis/2110152.pdf).
	"GTE, Sierra Announce CDPD Solution (GTE Wireless and Sierra Wireless Introduced a Circuit Switched Cellular Digital Packet Data Solution)," RCR Radio Communications Report (Jun. 1998):p. 8. Available from DIALOG Corporation.
	"GTE, Sierra Wireless Bring Circuit-Switched CDPD to Indiana Law Enforcement," Wireless Data News, vol. 6, Issue 15 (Jul. 1998). Available from DIALOG Corporation.
	"Sierra Modem Adds Coverage (Indiana State Police Department is the First in US to Use New Circuit-Switched CDPD Modem from Sierra Wireless)," Wireless Week (Jul. 1998):p. 14. Available from DIALOG Corporation.
	"GTE and Sierra Wireless Extend Reach of Cellular Digital Packet Data Networks Nationwide," Available from World Wide Web: (http://www.sierrawireless.com/news/gte&swi.html), downloaded Mar. 12, 2002.
	"MP215: The First Ever CS-CDPD 3W Modem. (End-to-end wireless IP anywhere--Automatically)," Tri-M Systems, Coquitlam, B.C., Canada.
	"CS-CDPD," Available from World Wide Web: (http://www.sierrawireless.com/alliance/nettech_cscdpd.asp), downloaded Mar. 12, 2002.

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	"Circuit Switch Cellular Digital Packet Data," Available from World Wide Web: http://www.leapforum.org/published/internetnetworkMobility/split/node91.html , downloaded Mar. 18, 2002.
	"MP215 Modem Installation, Configuration, and User's Guide," Revision 1.0, Part No. 2110036, Sierra Wireless, Jun. 1998.
	"Where There's Voice, There's Now Cost-effective Data with Lucent Technologies' New Circuit Switched CDPD Capability," Lucent Technologies, Jun. 1996.
	Hunt, Craig, "TCP/IP Network Administration" O'Reilly & Associates, Inc., pp. 28-35 (1992).
	Chen, J.B. et al., "MOSS: A Mobile Operating System Substrate", Harvard University Division of Applied Sciences, May 1995.
	Baker, M., "Changing Communication Environments in MosquitoNet," Proceedings of the IEEE Workshop on Mobile Computing Systems and Applications, Dec. 1994.
	Cheshire, S. et al., "Experiences with a Wireless Network in MosquitoNet", Proceedings of the IEEE Hot Interconnects Symposium '95, Aug. 1995.
	Zhao, X. et al., "Flexible Network Support For Mobility," Proceedings of the Fourth Annual ACM/IEEE International Conference on Mobile Computing and Networking (MobiCom 1998), Dallas Texas, Oct. 1998.
	Baker, M. et al., "Supporting Mobility In MosquitoNet," Proceedings of the 1996 USENIX Technical Conference, San Diego, California, Jan. 1996.
	Alzona, M., et al., "Project Octopus, A Framework for Ubiquitous Mobile Computing", Technical Report 1994-96, Carnegie Mellon University Information Network Institute, September 17, 1994
	Bruegge, B., et al., "Applications of Mobile Computing and Communications", IEEE Personal Communications Magazine, 3(1):64-71, February 1996
	Johnson, D., et al., "Truly seamless wireless and mobile host networking, Protocols for adaptive wireless and mobile networking", IEEE Personal Communications Magazine, 3(1):34-42, February 1996
	Katz, R., et al., "The Case for Wireless Overlay Networks", Proceedings of SPIE Conference on Multimedia and Networking Vol. 2667, March 1996
	Stemm, M., "Vertical Handoffs in Wireless Overlay Networks", Technical Report CSD-96-903, University of California, Berkeley, May 1996
	Caceres, R., et al., "Fast and Scalable Handoffs for Wireless Internets", Proceedings of the Second Annual International Conference on Mobile Computing and Networking, November 1996

*Examiner		Date Considered	
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